Togiak River, BB-N05

Togiak River viewed from the south.

EX02b viewed from the west.

Map Legend

- FO-S — Free-oil Recovery
- DV — Diversion Booming
- EX — Exclusion Booming
- PR — Passive Recovery
- SR — Shoreside Recovery
- Fast-water Boom
- Snare or Sorbent Boom
- Tidal-seal Boom

Geographic Response Strategies for Bristol Bay, Subarea, Northern Zone

Center of map at 59° 03.31' N Lat., 160° 20.83' W Lon.

This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-05-01 **DV**	**Togiak River** a. Lat. 59° 04.53'N Lon. 160°20.42'W b. Lat. 59° 04.52'N Lon. 160°20.29'W	**Divert and Collect** Divert oil to shore side collection location on the shore of the Togiak River.	Deploy anchors and boom with skiffs (class 6). At each location cascadr 300 ft section of fast-water boom at the proper angle to divert incoming oil to the collection sites. Complete the array with 60 ft. of tidal seal boom on the shore that will be used as a collection site. Set up shore-side recovery and tend throughout the tide. Boom Lengths: a. 600 ft b. 900 ft	**Deployment** **Equipment** 1500 ft. fast-water boom 120 ft. tidal seal boom 15 ea. anchor systems 8 ea. anchor stakes 2 ea. shore-side recovery systems **Vessels** 2 ea. class 6 **Personnel/Shift** 4 ea. vessel crew/general techs 2 ea. response techs **Tending** **Vessels** 2 ea. class 6 **Personnel/Shift** 4 ea. vessel crew/general techs 2 ea. skilled tech	Togiak	Via marine waters Chart 16315	Fish- intertidal spawning- salmon (June-Sept.), capeline, sheefish, white fish Birds-waterfowl, seabird and shorebird concentration Habitat- exposed tidal flats, peat shoreline, marsh, Human use-subsistence, commercial fishing	Vessel master should have local knowledge. Take precautions to protect the shoreline as outlined in the Alaska STAR Manual. A large population of bears are in this area. Bear guard required. Title 41 permitting required from ADNR. Surveyed: not yet Tested: not yet
N-05-02 **EX**	**Togiak** a. Lat. 59° 04.16'N Lon. 160°21.79'W b. Lat. 59° 04.51'N Lon. 160°21.07'W	**Exclusion** Exclude oil from impacting the identified channels of the Togiak River.	Deploy anchors and boom with skiffs (class 6) at high tide. Place fast-water boom in a chevron pattern in front of the entrance to the river. Complete the array by placing 60 ft. of tidal seal boom on each leg. Tend throughout the tide. Boom Lengths: a. 300 ft b. 700 ft	**Deployment** **Equipment** 1000 ft. fast-water boom 240 ft. tidal seal boom 8 ea. anchor systems **Vessels/Personnel/Shift** Same as N-05-01 **Tending** **Vessels/Personnel/Shift** Same as N-05-01	Togiak	Via marine waters Chart 16315	**Same as N-05-01**	Vessel master should have local knowledge. Title 41 permitting required from ADNR. Surveyed: not yet Tested: not yet
N-05-03 **PR**	**Togiak** a. Lat. 59° 04.45'N Lon. 160°19.84'W b. Lat. 59° 04.22'N Lon. 160°19.09'W c. Lat. 59° 04.10'N Lon. 160°19.03'W	**Passive Recovery** Survey the area prior to deployment. Place passive recovery across entrances to the identified sloughs and other major cuts in the back in Togiak Bay.	During the survey identify areas on the spit where oil may enter at high tide. Place and anchor snare line or sorbent boom across the major cuts in the back in Togiak Bay. Replace as necessary to maximize the recovery. Boom Lengths: a. 350 ft b. 350 ft c. 150 ft.	**Deployment** **Equipment** 750 snare line or sorbent boom 10 ea. anchor stakes (Adjust equipment to reflect survey findings) **Vessels/Personnel/Shift** Same as N-05-01 **Tending** **Vessels/Personnel/Shift** Same as N-05-01	Togiak	Via marine waters Chart 16315	Same as N-05-01	Vessel master should have local knowledge.
N-05-04 **FO-S**	**Togiak River** Nearshore waters in the general area of: Lat. 59° 01.15"N Lon. 160°28.57'W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Togiak River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Togiak River. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Togiak	Via marine waters Chart 16315	Same as N-05-01	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Western Alaska Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_bb.htm.